

1
2 **ABSTRACT**

3 In an exemplary server implementation, a server is configured to retain at
4 least one independent frame for each video channel of multiple video channels that
5 are being distributed using multicast communications and is adapted to respond to
6 channel change requests from clients by transmitting the retained at least one
7 independent frame of a requested video channel to a requesting client using a
8 unicast communication. In an exemplary method implementation, a method for
9 fast channel changing in a multicast video distribution architecture includes:
10 detecting a channel change request that indicates a requested channel, the
11 requested channel corresponding to a multicast group; and transmitting a retained
12 intra frame for the requested channel as a unicast communication.
13
14
15
16
17
18
19
20
21
22
23
24
25